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# Alberta Oil Sands Plant Statistics

Monthly Supplement

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**January 1987**



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# Alberta Oil Sands Plant Statistics

Monthly Supplement

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ENERGY RESOURCES CONSERVATION BOARD  
STATISTICAL SERIES

ALBERTA OIL SANDS PLANT STATISTICS,  
MONTHLY SUPPLEMENT

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## TABLE OF CONTENTS

---

Notes	Page
Suncor Inc. Resources Group and Syncrude Canada Ltd. Oil Sands production and processing. Purchased and generated gas and electricity.	1
Synthetic Crude Oil and associated inventories, production and disposition.	2
Oil Sands production and processing - year to date.	3
Synthetic Crude Oil, Intermediate and Products - year to date.	4





1963 JANUARY

NOTES

- (A) Distillate Production does not include Heavy Fuel Oil.  
 (B) Sulphur Production includes Flared/Waste.  
 (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.

PRODUCTION	1 308 501	10.42
FORWARDED	1 308 501	10.42

EXTERNAL ENERGY

	GAS	ELECTRIC
	3.3	
	10.8	0.0

PURCHASED	12 868.7	0.0
GENERATED	0.0	25.0
	12 868.7	41.2

PLANT USE	12 868.7	41.2
FURTHER		
PROCESSING	9 908.5	0.0
FLARED	2.8	0.0
METERING		
DIFFERENCE	0.0	0.0
	12 868.7	41.2

PRODUCTION	2 187 503	10.89
FORWARDED	2 187 503	10.89

EXTERNAL ENERGY

	GAS	ELECTRIC
	3.3	
	10.8	0.0

PURCHASED	28 203.0	0.0
GENERATED	0.0	102.7
	28 203.0	102.7

PLANT USE	28 203.0	102.7
FURTHER		
PROCESSING	18 738.0	0.0
FLARED	2.0	0.0
METERING		
DIFFERENCE	0.0	0.0
	28 203.0	102.7

NOTE: (1) Credits were given for volume of oil burned.

(2) The volume of 101,302 tons and 10.8.





BITUMEN SYNTHETIC PLANT OPERATIONS

1

				1987	JANUARY
				YEAR	MONTH
SUNCOR OIL SANDS				SYNCRUDE OIL SANDS	
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	3 396 501	12.42	PRODUCTION	9 187 503	10.89
PROCESSED	3 396 501	12.42	PROCESSED	9 466 513	10.74
EXTERNAL ENERGY			EXTERNAL ENERGY		
	GAS	ELECTRIC		GAS	ELECTRIC
	3 3			3 3	
	10 m	GWh		10 m	GWh
PURCHASED	23 868.7	6.2	PURCHASED	56 203.0	0.7
GENERATED	0.0	35.0	GENERATED	0.0	102.7
	23 868.7	41.2		56 203.0	103.4
PLANT USE	13 960.2	41.2	PLANT USE	11 468.0	103.4
FURTHER			FURTHER		
PROCESSING	9 908.5	0.0	PROCESSING	44 735.0	0.0
FLARED	0.0	0.0	FLARED	0.0	0.0
METERING			METERING		
DIFFERENCE	0.0	0.0	DIFFERENCE	0.0	0.0
	23 868.7	41.2		56 203.0	103.4

NOTE: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15 °C.



OPERATOR	PRODUCTS		1987				JANUARY
			YEAR				MONTH
			INTERMEDIATES				
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE	
	3 m	3 m	TONNES	TONNES	3 m	3 m	
SUNCOR		Heavy Fuel Oil					
OPEN. INV.	80 692.9	1 946.8	2 091 957	184 528	49 245.6	3 042.3	
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0	
PRODUCTION	293 027.2	1 352.3	88 002	11 456	377 139.5	311 720.6	
CLOS. INV.	95 184.1	2 175.2	2 114 178	184 528	49 668.8	5 183.8	
	278 536.0	1 123.9	65 781	11 456	376 716.3	309 579.1	
FURTHER							
PROCESSING	0.0	0.0	0	0	376 716.3	309 650.6	
FUEL	3 504.3	1 123.9	65 781	0	0.0	0.0	
FLARED/WASTE	0.0	0.0	0	883	0.0	0.0	
MET. DIFF.	968.8	0.0	0	0	0.0	(71.5)	
DELIVERIES	274 062.9	0.0	0	10 573	0.0	0.0	
	278 536.0	1 123.9	65 781	11 456	376 716.3	309 579.1	
SYNCRUDE		Diluent Naphtha					
OPEN. INV.	18 975.0	54 371.0	5 559 115	39 409	341 747.0	75 219.0	
PRODUCTION	701 952.0	6 041.0	88 401	29 535	915 054.0	693 385.0	
CLOS. INV.	18 530.0	55 060.0	5 647 516	37 741	368 805.0	74 933.0	
	702 397.0	5 352.0	0	31 203	887 996.0	693 671.0	
FURTHER							
PROCESSING	0.0	0.0	0	0	887 996.0	693 670.0	
FUEL	0.0	0.0	0	0	0.0	0.0	
FLARED/WASTE	0.0	5 232.0	0	0	0.0	0.0	
MET. DIFF.	1.0	120.0	0	0	0.0	1.0	
DILUENT CARRYOVER /RERUN	0.0	0.0	0	0	0.0	0.0	
TO SUNCOR	0.0	0.0	0	0	0.0	0.0	
DELIVERIES	702 396.0	0.0	0	31 203	0.0	0.0	
	702 397.0	5 352.0	0	31 203	887 996.0	693 671.0	

NOTES: (1) Volume at 101.325 kPa and 15 C.

(2) Liquid volume at 15 C.





			1987 JANUARY		
			YEAR TO DATE		
SUNCOR OIL SANDS			SYNCRUDE OIL SANDS		
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	3 396 501	12.42	PRODUCTION	9 187 503	10.89
PROCESSED	3 396 501	12.42	PROCESSED	9 466 513	10.74
EXTERNAL ENERGY			EXTERNAL ENERGY		
	GAS	ELECTRIC		GAS	ELECTRIC
	3 3			3 3	
	10 m	GWh		10 m	GWh
PURCHASED	23 868.7	6.2	PURCHASED	56 203.0	0.7
GENERATED	0.0	35.0	GENERATED	0.0	102.7
	23 868.7	41.2		56 203.0	103.4
PLANT USE	13 960.2	41.2	PLANT USE	11 468.0	103.4
FURTHER			FURTHER		
PROCESSING	9 908.5	0.0	PROCESSING	44 735.0	0.0
FLARED	0.0	0.0	FLARED	0.0	0.0
METERING			METERING		
DIFFERENCE	0.0	0.0	DIFFERENCE	0.0	0.0
	23 868.7	41.2		56 203.0	103.4

NOTE: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15 C.





## BITUMEN SYNTHETIC PLANT OPERATIONS

4

		1987 JANUARY				
		YEAR TO DATE				
OPERATOR	PRODUCTS	INTERMEDIATES				
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE
	3 m	3 m	TONNES	TONNES	3 m	3 m
SUNCOR		Heavy Fuel Oil				
OPEN. INV.	80 692.9	1 946.8	2 091 957	184 528	49 245.6	3 042.3
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0
PRODUCTION	293 027.2	1 352.3	88 002	11 456	377 139.5	311 720.6
CLOS. INV.	95 184.1	2 175.2	2 114 178	184 528	49 668.8	5 183.8
	278 536.0	1 123.9	65 781	11 456	376 716.3	309 579.1
FURTHER						
PROCESSING	0.0	0.0	0	0	376 716.3	309 650.6
FUEL	3 504.3	1 123.9	65 781	0	0.0	0.0
FLARED/WASTE	0.0	0.0	0	883	0.0	0.0
MET. DIFF.	968.8	0.0	0	0	0.0	(71.5)
DELIVERIES	274 062.9	0.0	0	10 573	0.0	0.0
	278 536.0	1 123.9	65 781	11 456	376 716.3	309 579.1
SYNCRUDE		Diluent Naphtha				
OPEN. INV.	18 975.0	54 371.0	5 559 115	39 409	341 747.0	75 219.0
PRODUCTION	701 952.0	6 041.0	88 401	29 535	915 054.0	693 385.0
CLOS. INV.	18 530.0	55 060.0	5 647 516	37 741	368 805.0	74 933.0
	702 397.0	5 352.0	0	31 203	887 996.0	693 671.0
FURTHER						
PROCESSING	0.0	0.0	0	0	887 996.0	693 670.0
FUEL	0.0	0.0	0	0	0.0	0.0
FLARED/WASTE	0.0	5 232.0	0	0	0.0	0.0
MET. DIFF.	1.0	120.0	0	0	0.0	1.0
DILUENT CARRYOVER						
/RERUN	0.0	0.0	0	0	0.0	0.0
TO SUNCOR	0.0	0.0	0	0	0.0	0.0
DELIVERIES	702 396.0	0.0	0	31 203	0.0	0.0
	702 397.0	5 352.0	0	31 203	887 996.0	693 671.0

NOTES: (1) Volume at 101.325 kPa and 15 C.

(2) Liquid volume at 15 C.



CANADIANA

JUN - 8 1987



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# Alberta Oil Sands Plant Statistics

Monthly Supplement

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February 1987







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# **Alberta Oil Sands Plant Statistics**

**Monthly Supplement**

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## NOTES

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- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.





BITUMEN SYNTHETIC PLANT OPERATIONS

1

			1987 FEBRUARY		
			YEAR	MONTH	
SUNCOR OIL SANDS			SYNCRUDE OIL SANDS		
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	3 341 023	11.97	PRODUCTION	9 190 691	10.31
PROCESSED	3 341 023	11.97	PROCESSED	8 388 238	10.48
EXTERNAL ENERGY			EXTERNAL ENERGY		
	GAS	ELECTRIC		GAS	ELECTRIC
	3 3			3 3	
	10 m	GWh		10 m	GWh
PURCHASED	23 681.7	7.2	PURCHASED	48 752.0	0.1
GENERATED	0.0	39.0	GENERATED	0.0	91.4
	23 681.7	46.2		48 752.0	91.5
PLANT USE	13 415.2	46.2	PLANT USE	11 122.0	91.5
FURTHER			FURTHER		
PROCESSING	10 266.5	0.0	PROCESSING	37 630.0	0.0
FLARED	0.0	0.0	FLARED	0.0	0.0
METERING			METERING		
DIFFERENCE	0.0	0.0	DIFFERENCE	0.0	0.0
	23 681.7	46.2		48 752.0	91.5

NOTE: (1) GRADE: MASS PER-CENT BITUMEN IN OIL SANDS.

(2) GAS VOLUME AT 101.325 kPa AND 15 C.

ALL FIGURES INCLUDE CURRENT ADJUSTMENTS.



OPERATOR	PRODUCTS		INTERMEDIATES		1987		FEBRUARY
					YEAR		MONTH
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE	
	3 m	3 m	TONNES	TONNES	3 m	3 m	
SUNCOR		Heavy Fuel Oil					
OPEN. INV.	95 184.1	2 175.2	2 114 178	184 528	49 668.8	5 183.8	
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0	
PRODUCTION	292 295.4	0.0	86 052	11 404	350 026.4	304 102.6	
CLOS. INV.	82 560.7	2 007.5	2 143 031	184 528	31 317.7	3 372.2	
	304 918.8	167.7	57 199	11 404	368 377.5	305 914.2	
FURTHER							
PROCESSING	0.0	0.0	0	0	368 377.5	305 785.6	
FUEL	3 052.3	167.7	57 199	0	0.0	0.0	
FLARED/WASTE	0.0	0.0	0	802	0.0	0.0	
MET. DIFF.	172.3	0.0	0	0	0.0	41.2	
DELIVERIES	301 694.2	0.0	0	10 602	0.0	87.4	
	304 918.8	167.7	57 199	11 404	368 377.5	305 914.2	
SYNCRUDE		Diluent Naphtha					
OPEN. INV.	18 530.0	55 060.0	5 647 516	37 741	368 805.0	74 933.0	
PRODUCTION	625 387.0	17 180.0	80 541	26 799	789 770.0	644 353.0	
CLOS. INV.	24 268.0	66 621.0	5 728 057	36 433	342 957.0	90 284.0	
	619 649.0	5 619.0	0	28 107	815 618.0	629 002.0	
FURTHER							
PROCESSING	0.0	0.0	0	0	815 618.0	624 696.0	
FUEL	0.0	0.0	0	0	0.0	0.0	
FLARED/WASTE	0.0	5 619.0	0	0	0.0	0.0	
MET. DIFF.	(10.0)	0.0	0	0	0.0	4 306.0	
DILUENT CARRYOVER /RERUN	0.0	0.0	0	0	0.0	0.0	
TO SUNCOR	0.0	0.0	0	0	0.0	0.0	
DELIVERIES	619 659.0	0.0	0	28 107	0.0	0.0	
	619 649.0	5 619.0	0	28 107	815 618.0	629 002.0	

NOTES: (1) VOLUME AT 101.325 KPA AND 15 C.

(2) LIQUID VOLUME AT 15 C.





				1987		FEBRUARY	
				YEAR TO DATE			
SUNCOR OIL SANDS				SYNCRUDE OIL SANDS			
		TONNES	GRADE			TONNES	GRADE
PRODUCTION	6 737 524		12.19	PRODUCTION	18 378 194		10.60
PROCESSED	6 737 524		12.19	PROCESSED	17 854 751		10.62
EXTERNAL ENERGY				EXTERNAL ENERGY			
		GAS 3 3 10 m	ELECTRIC  GWh			GAS 3 3 10 m	ELECTRIC  GWh
PURCHASED GENERATED	47 550.4 0.0		13.4 74.0	PURCHASED GENERATED	104 955.0 0.0		0.8 194.1
	47 550.4		87.4		104 955.0		194.9
PLANT USE FURTHER PROCESSING FLARED METERING DIFFERENCE	27 375.4 20 175.0 0.0 0.0		87.4 0.0 0.0	PLANT USE FURTHER PROCESSING FLARED METERING DIFFERENCE	22 590.0 82 365.0 0.0 0.0		194.9 0.0 0.0
	47 550.4		87.4		104 955.0		194.9

NOTE: (1) GRADE: MASS PER-CENT BITUMEN IN OIL SANDS.

(2) GAS VOLUME AT 101.325 KPA AND 15 C.

ALL FIGURES INCLUDE CURRENT ADJUSTMENTS.



## BITUMEN SYNTHETIC PLANT OPERATIONS

4

		1987 FEBRUARY					
		YEAR TO DATE					
OPERATOR	PRODUCTS	INTERMEDIATES					
		SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE
		3 m	3 m	TONNES	TONNES	3 m	3 m
SUNCOR			Heavy Fuel Oil				
OPEN. INV.	80 692.9	1 946.8	2 091 957	184 528	49 245.6	3 042.3	
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0	
PRODUCTION	585 322.6	1 352.3	174 054	22 860	727 165.9	615 823.2	
CLOS. INV.	82 560.7	2 007.5	2 143 031	184 528	31 317.7	3 372.2	
	583 454.8	1 291.6	122 980	22 860	745 093.8	615 493.3	
FURTHER							
PROCESSING	0.0	0.0	0	0	745 093.8	615 436.2	
FUEL	6 556.6	1 291.6	122 980	0	0.0	0.0	
FLARED/WASTE	0.0	0.0	0	1 685	0.0	0.0	
MET. DIFF.	1 141.1	0.0	0	0	0.0	(30.3)	
DELIVERIES	575 757.1	0.0	0	21 175	0.0	87.4	
	583 454.8	1 291.6	122 980	22 860	745 093.8	615 493.3	
SYNCRUDE			Diluent Naphtha				
OPEN. INV.	18 975.0	54 371.0	5 559 115	39 409	341 747.0	75 219.0	
PRODUCTION	1 327 339.0	23 221.0	168 942	56 334	1 704 824.0	1 337 738.0	
CLOS. INV.	24 268.0	66 621.0	5 728 057	36 433	342 957.0	90 284.0	
	1 322 046.0	10 971.0	0	59 310	1 703 614.0	1 322 673.0	
FURTHER							
PROCESSING	0.0	0.0	0	0	1 703 614.0	1 318 366.0	
FUEL	0.0	0.0	0	0	0.0	0.0	
FLARED/WASTE	0.0	10 851.0	0	0	0.0	0.0	
MET. DIFF.	(9.0)	120.0	0	0	0.0	4 307.0	
DILUENT CARRYOVER							
/RERUN	0.0	0.0	0	0	0.0	0.0	
TO SUNCOR	0.0	0.0	0	0	0.0	0.0	
DELIVERIES	1 322 055.0	0.0	0	59 310	0.0	0.0	
	1 322 046.0	10 971.0	0	59 310	1 703 614.0	1 322 673.0	

NOTES: (1) VOLUME AT 101.325 kPa AND 15 C.

(2) LIQUID VOLUME AT 15 C.





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# Alberta Oil Sands Plant Statistics

Monthly Supplement

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March 1987







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# **Alberta Oil Sands Plant Statistics**

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## NOTES

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- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.





			1987	MARCH
			YEAR	MONTH
SUNCOR OIL SANDS			SYNCRUDE OIL SANDS	
	TONNES	GRADE	TONNES	GRADE
PRODUCTION	4 023 131	11.42	8 242 056	10.69
PROCESSED	4 023 131	11.42	8 018 080	10.69
EXTERNAL ENERGY			EXTERNAL ENERGY	
	GAS	ELECTRIC	GAS	ELECTRIC
	3 3		3 3	
	10 m	GWh	10 m	GWh
PURCHASED	20 432.4	2.8	60 788.0	0.6
GENERATED	0.0	44.6	0.0	93.5
	20 432.4	47.4	60 788.0	94.1
PLANT USE	9 843.3	47.4	24 105.0	94.1
FURTHER				
PROCESSING	10 589.1	0.0	36 683.0	0.0
FLARED	0.0	0.0	0.0	0.0
METERING				
DIFFERENCE	0.0	0.0	0.0	0.0
	20 432.4	47.4	60 788.0	94.1

NOTE: (1) GRADE: MASS PER-CENT BITUMEN IN OIL SANDS.

(2) GAS VOLUME AT 101.325 kPa AND 15 °C.

ALL FIGURES INCLUDE CURRENT ADJUSTMENTS.



OPERATOR	PRODUCTS		COKE		SULPHUR		1987	
							YEAR	MARCH
							YEAR	MONTH
	SYNTHETIC CRUDE OIL		OTHER HYDRO -CARBONS		BITUMEN		DISTILLATE	
	3	3	TONNES	TONNES	3	3		
	m	m			m	m		
SUNCOR	Heavy Fuel Oil							
OPEN. INV.	82 560.7	2 007.5	2 143 031	184 528	31 317.7	3 372.2		
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0		
PRODUCTION	312 080.3	1 026.9	94 175	12 292	398 724.9	331 981.9		
CLOS. INV.	90 065.6	1 548.6	2 165 691	184 528	26 917.1	5 406.1		
	304 575.4	1 485.8	71 515	12 292	403 125.5	329 948.0		
FURTHER								
PROCESSING	0.0	0.0	0	0	403 125.4	329 894.5		
FUEL	3 007.5	1 485.8	69 330	0	0.0	0.0		
FLARED/WASTE	0.0	0.0	0	686	0.0	0.0		
MET. DIFF.	544.4	0.0	(1)	0	0.1	53.5		
DELIVERIES	301 023.5	0.0	2 186	11 606	0.0	0.0		
	304 575.4	1 485.8	71 515	12 292	403 125.5	329 948.0		
SYNCRUDE	Diluent Naphtha							
OPEN. INV.	24 268.0	66 621.0	5 728 057	36 433	342 957.0	90 284.0		
PRODUCTION	631 662.0	(1 373.0)	72 919	25 569	784 644.0	593 664.0		
CLOS. INV.	19 628.0	61 496.0	5 800 976	34 381	380 677.0	67 257.0		
	636 302.0	3 752.0	0	27 621	746 924.0	616 691.0		
FURTHER								
PROCESSING	0.0	0.0	0	0	746 923.0	616 692.0		
FUEL	0.0	0.0	0	0	0.0	0.0		
FLARED/WASTE	0.0	3 752.0	0	0	0.0	0.0		
MET. DIFF.	8.0	0.0	0	0	1.0	(1.0)		
DILUENT CARRYOVER								
/RERUN	0.0	0.0	0	0	0.0	0.0		
TO SUNCOR	0.0	0.0	0	0	0.0	0.0		
DELIVERIES	636 294.0	0.0	0	27 621	0.0	0.0		
	636 302.0	3 752.0	0	27 621	746 924.0	616 691.0		

NOTES: (1) VOLUME AT 101.325 kPa AND 15 C.

(2) LIQUID VOLUME AT 15 C.



			1987		MARCH	
			YEAR TO DATE			
SUNCOR OIL SANDS			SYNCRUDE OIL SANDS			
	TONNES	GRADE		TONNES	GRADE	
PRODUCTION	10 760 655	11.91	PRODUCTION	26 620 250	10.63	
PROCESSED	10 760 655	11.91	PROCESSED	25 872 831	10.64	
EXTERNAL ENERGY			EXTERNAL ENERGY			
	GAS	ELECTRIC		GAS	ELECTRIC	
	3 3			3 3		
	10 m	GWh		10 m	GWh	
PURCHASED	67 982.8	16.2	PURCHASED	165 743.0	1.4	
GENERATED	0.0	114.9	GENERATED	0.0	287.6	
	67 982.8	131.1		165 743.0	289.0	
PLANT USE	37 218.7	131.1	PLANT USE	46 695.0	289.0	
FURTHER			FURTHER			
PROCESSING	30 764.1	0.0	PROCESSING	119 048.0	0.0	
FLARED	0.0	0.0	FLARED	0.0	0.0	
METERING			METERING			
DIFFERENCE	0.0	0.0	DIFFERENCE	0.0	0.0	
	67 982.8	131.1		165 743.0	289.0	

NOTE: (1) GRADE: MASS PER-CENT BITUMEN IN OIL SANDS.

(2) GAS VOLUME AT 101.325 kPa AND 15 °C.

ALL FIGURES INCLUDE CURRENT ADJUSTMENTS.





## BITUMEN SYNTHETIC PLANT OPERATIONS

4

		1987		MARCH			
		YEAR TO DATE					
OPERATOR	PRODUCTS	INTERMEDIATES					
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE	
	3 m	3 m	TONNES	TONNES	3 m	3 m	
<hr/>							
SUNCOR		Heavy Fuel Oil					
OPEN. INV.	80 692.9	1 946.8	2 091 957	184 528	49 245.6	3 042.3	
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0	
PRODUCTION	897 402.9	2 379.2	268 229	35 152	1 125 890.8	947 805.1	
CLOS. INV.	90 065.6	1 548.6	2 165 691	184 528	26 917.1	5 406.1	
<hr/>							
	888 030.2	2 777.4	194 495	35 152	1 148 219.3	945 441.3	
<hr/>							
FURTHER							
PROCESSING	0.0	0.0	0	0	1 148 219.2	945 330.7	
FUEL	9 564.1	2 777.4	192 310	0	0.0	0.0	
FLARED/WASTE	0.0	0.0	0	2 371	0.0	0.0	
MET. DIFF.	1 685.5	0.0	(1)	0	0.1	23.2	
DELIVERIES	876 780.6	0.0	2 186	32 781	0.0	87.4	
<hr/>							
	888 030.2	2 777.4	194 495	35 152	1 148 219.3	945 441.3	
<hr/>							
SYNCRUDE		Diluent Naphtha					
OPEN. INV.	18 975.0	54 371.0	5 559 115	39 409	341 747.0	75 219.0	
PRODUCTION	1 959 001.0	21 848.0	241 861	81 903	2 489 468.0	1 931 402.0	
CLOS. INV.	19 628.0	61 496.0	5 800 976	34 381	380 677.0	67 257.0	
<hr/>							
	1 958 348.0	14 723.0	0	86 931	2 450 538.0	1 939 364.0	
<hr/>							
FURTHER							
PROCESSING	0.0	0.0	0	0	2 450 537.0	1 935 058.0	
FUEL	0.0	0.0	0	0	0.0	0.0	
FLARED/WASTE	0.0	14 603.0	0	0	0.0	0.0	
MET. DIFF.	(1.0)	120.0	0	0	0.0	4 306.0	
DILUENT CARRYOVER					1.0		
/RERUN	0.0	0.0	0	0	0.0	0.0	
TO SUNCOR	0.0	0.0	0	0	0.0	0.0	
DELIVERIES	1 958 349.0	0.0	0	86 931	0.0	0.0	
<hr/>							
	1 958 348.0	14 723.0	0	86 931	2 450 538.0	1 939 364.0	
<hr/>							

NOTES: (1) VOLUME AT 101.325 kPa AND 15 C.

(2) LIQUID VOLUME AT 15 C.



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# Alberta Oil Sands Plant Statistics

Monthly Supplement

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**April 1987**





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# **Alberta Oil Sands Plant Statistics**

**Monthly Supplement**

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ENERGY RESOURCES CONSERVATION BOARD  
STATISTICAL SERIES

ALBERTA OIL SANDS PLANT STATISTICS,  
MONTHLY SUPPLEMENT

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## TABLE OF CONTENTS

---

Notes	Page
Suncor Inc. Resources Group and Syncrude Canada Ltd. Oil Sands production and processing. Purchased and generated gas and electricity.	1
Synthetic Crude Oil and associated inventories, production and disposition.	2
Oil Sands production and processing - year to date.	3
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## NOTES

---

- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.



			1987		APRIL
			YEAR		MONTH
SUNCOR OIL SANDS			SYNCRUDE OIL SANDS		
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	3 802 208	11.57	PRODUCTION	6 377 897	10.72
PROCESSED	3 802 208	11.57	PROCESSED	6 375 921	10.59
EXTERNAL ENERGY			EXTERNAL ENERGY		
	GAS	ELECTRIC		GAS	ELECTRIC
	3 3			3 3	
	10 m	GWh		10 m	GWh
PURCHASED	17 920.6	3.7	PURCHASED	64 913.0	0.1
GENERATED	0.0	39.7	GENERATED	0.0	77.8
	17 920.6	43.4		64 913.0	77.9
PLANT USE	8 378.4	43.4	PLANT USE	34 569.0	77.9
FURTHER			FURTHER		
PROCESSING	9 542.2	0.0	PROCESSING	30 344.0	0.0
FLARED	0.0	0.0	FLARED	0.0	0.0
METERING			METERING		
DIFFERENCE	0.0	0.0	DIFFERENCE	0.0	0.0
	17 920.6	43.4		64 913.0	77.9

NOTE: (1) GRADE: MASS PER-CENT BITUMEN IN OIL SANDS.

(2) GAS VOLUME AT 101.325 kPa AND 15 C.

ALL FIGURES INCLUDE CURRENT ADJUSTMENTS.





						1987	APRIL
						YEAR	MONTH
OPERATOR	PRODUCTS		INTERMEDIATES				
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE	
	3 m	3 m	TONNES	TONNES	3 m	3 m	
SUNCOR	Heavy Fuel Oil						
OPEN. INV.	90 065.6	1 548.6	2 165 691	184 528	26 917.1	5 406.1	
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0	
PRODUCTION	298 173.6	1 405.2	90 881	11 744	376 805.2	321 596.7	
CLOS. INV.	87 079.3	2 271.3	2 192 993	184 528	14 689.3	9 117.6	
	301 159.9	682.5	63 579	11 744	389 033.0	317 885.2	
FURTHER							
PROCESSING	0.0	0.0	0	0	389 033.0	317 812.1	
FUEL	2 775.8	682.5	62 328	0	0.0	21.9	
FLARED/WASTE	0.0	0.0	0	537	0.0	0.0	
MET. DIFF.	115.6	0.0	0	0	0.0	51.2	
DELIVERIES	298 268.5	0.0	1 251	11 207	0.0	0.0	
	301 159.9	682.5	63 579	11 744	389 033.0	317 885.2	
SYNCRUDE	Diluent Naphtha						
OPEN. INV.	19 628.0	61 496.0	5 800 976	34 381	380 677.0	67 257.0	
PRODUCTION	484 874.0	(3 152.0)	55 274	19 415	611 585.0	457 190.0	
CLOS. INV.	39 938.0	55 361.0	5 856 250	34 038	419 821.0	49 775.0	
	464 564.0	2 983.0	0	19 758	572 441.0	474 672.0	
FURTHER							
PROCESSING	0.0	0.0	0	0	572 441.0	472 487.0	
FUEL	0.0	0.0	0	0	0.0	0.0	
FLARED/WASTE	0.0	2 983.0	0	0	0.0	0.0	
MET. DIFF.	(37.0)	0.0	0	0	0.0	2 185.0	
DILUENT CARRYOVER							
/RERUN	0.0	0.0	0	0	0.0	0.0	
TO SUNCOR	0.0	0.0	0	0	0.0	0.0	
DELIVERIES	464 601.0	0.0	0	19 758	0.0	0.0	
	464 564.0	2 983.0	0	19 758	572 441.0	474 672.0	

NOTES: (1) VOLUME AT 101.325 kPa AND 15 C.

(2) LIQUID VOLUME AT 15 C.



			1987 APRIL		
			YEAR TO DATE		
SUNCOR OIL SANDS			SYNCRUDE OIL SANDS		
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	14 562 863	11.81	PRODUCTION	32 998 147	10.64
PROCESSED	14 562 863	11.81	PROCESSED	32 248 752	10.63
EXTERNAL ENERGY			EXTERNAL ENERGY		
	GAS	ELECTRIC		GAS	ELECTRIC
	3 3			3 3	
	10 m	GWh		10 m	GWh
PURCHASED	85 903.4	19.9	PURCHASED	230 656.0	1.5
GENERATED	0.0	154.6	GENERATED	0.0	365.4
	85 903.4	174.5		230 656.0	366.9
PLANT USE	45 597.1	174.5	PLANT USE	81 264.0	366.9
FURTHER			FURTHER		
PROCESSING	40 306.3	0.0	PROCESSING	149 392.0	0.0
FLARED	0.0	0.0	FLARED	0.0	0.0
METERING			METERING		
DIFFERENCE	0.0	0.0	DIFFERENCE	0.0	0.0
	85 903.4	174.5		230 656.0	366.9

NOTE: (1) GRADE: MASS PER-CENT BITUMEN IN OIL SANDS.

(2) GAS VOLUME AT 101.325 kPa AND 15 C.

ALL FIGURES INCLUDE CURRENT ADJUSTMENTS.



BITUMEN SYNTHETIC PLANT OPERATIONS

4

		1987		APRIL			
		YEAR TO DATE					
OPERATOR	PRODUCTS			INTERMEDIATES			
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE	
	3 m	3 m	TONNES	TONNES	3 m	3 m	
-----							
SUNCOR		Heavy Fuel Oil					
-----							
OPEN. INV.	80 692.9	1 946.8	2 091 957	184 528	49 245.6	3 042.3	
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0	
PRODUCTION	1 195 576.5	3 784.4	359 110	46 896	1 502 696.0	1 269 401.8	
CLOS. INV.	87 079.3	2 271.3	2 192 993	184 528	14 689.3	9 117.6	
	1 189 190.1	3 459.9	258 074	46 896	1 537 252.3	1 263 326.5	
=====							
FURTHER							
PROCESSING	0.0	0.0	0	0	1 537 252.2	1 263 142.8	
FUEL	12 339.9	3 459.9	254 638	0	0.0	21.9	
FLARED/WASTE	0.0	0.0	0	2 908	0.0	0.0	
MET. DIFF.	1 801.1	0.0	(1)	0	0.1	74.4	
DELIVERIES	1 175 049.1	0.0	3 437	43 988	0.0	87.4	
	1 189 190.1	3 459.9	258 074	46 896	1 537 252.3	1 263 326.5	
=====							
SYNCRUDE		Diluent Naphtha					
-----							
OPEN. INV.	18 975.0	54 371.0	5 559 115	39 409	341 747.0	75 219.0	
PRODUCTION	2 443 875.0	18 696.0	297 135	101 318	3 101 053.0	2 388 592.0	
CLOS. INV.	39 938.0	55 361.0	5 856 250	34 038	419 821.0	49 775.0	
	2 422 912.0	17 706.0	0	106 689	3 022 979.0	2 414 036.0	
=====							
FURTHER							
PROCESSING	0.0	0.0	0	0	3 022 978.0	2 407 545.0	
FUEL	0.0	0.0	0	0	0.0	0.0	
FLARED/WASTE	0.0	17 586.0	0	0	0.0	0.0	
MET. DIFF.	(38.0)	120.0	0	0	0.0	6 491.0	
DILUENT CARRYOVER					1.0		
/RERUN	0.0	0.0	0	0	0.0	0.0	
TO SUNCOR	0.0	0.0	0	0	0.0	0.0	
DELIVERIES	2 422 950.0	0.0	0	106 689	0.0	0.0	
	2 422 912.0	17 706.0	0	106 689	3 022 979.0	2 414 036.0	
=====							

NOTES: (1) VOLUME AT 101.325 kPa AND 15 C.

(2) LIQUID VOLUME AT 15 C.







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# **Alberta** **Oil Sands Plant Statistics**

**Monthly Supplement**

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**May 1987**





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# **Alberta Oil Sands Plant Statistics**

**Monthly Supplement**

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## TABLE OF CONTENTS

---

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## NOTES

---

- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.





BITUMEN SYNTHETIC PLANT OPERATIONS

1

			1987		MAY	
			YEAR		MONTH	
SUNCOR OIL SANDS			SYNCRUDE OIL SANDS			
TONNES			TONNES		GRADE	
PRODUCTION	3 718 214	12.02	PRODUCTION	10 239 188	10.56	
PROCESSED	3 718 214	12.02	PROCESSED	9 744 234	10.52	
EXTERNAL ENERGY			EXTERNAL ENERGY			
GAS			GAS		ELECTRIC	
3 3			3 3			
10 m			10 m		GWh	
PURCHASED	18 287.0	3.9	PURCHASED	58 343.0	0.2	
GENERATED	0.0	39.9	GENERATED	0.0	99.8	
	18 287.0	43.8		58 343.0	100.0	
PLANT USE	10 713.9	43.8	PLANT USE	16 420.0	100.0	
FURTHER			FURTHER			
PROCESSING	7 573.1	0.0	PROCESSING	41 923.0	0.0	
FLARED	0.0	0.0	FLARED	0.0	0.0	
METERING			METERING			
DIFFERENCE	0.0	0.0	DIFFERENCE	0.0	0.0	
	18 287.0	43.8		58 343.0	100.0	

NOTE: (1) GRADE: MASS PER-CENT BITUMEN IN OIL SANDS.

(2) GAS VOLUME AT 101.325 kPa AND 15 C.

ALL FIGURES INCLUDE CURRENT ADJUSTMENTS.



OPERATOR	PRODUCTS		1987				MAY
			YEAR				MONTH
			INTERMEDIATES				
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE	
	3 m	3 m	TONNES	TONNES	3 m	3 m	
SUNCOR		Heavy Fuel Oil					
OPEN. INV.	87 079.3	2 271.3	2 192 993	184 528	14 689.3	9 117.6	
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0	
PRODUCTION	299 165.9	1 413.0	89 421	11 393	385 782.0	319 943.7	
CLOS. INV.	88 295.3	2 085.4	2 218 702	184 528	41 280.4	11 132.0	
	297 949.9	1 598.9	63 712	11 393	359 190.9	317 929.3	
FURTHER							
PROCESSING	0.0	0.0	0	0	359 190.9	316 511.5	
FUEL	2 860.7	1 598.9	63 712	0	0.0	185.8	
FLARED/WASTE	0.0	0.0	0	871	0.0	0.0	
MET. DIFF.	290.5	0.0	0	0	0.0	46.8	
DELIVERIES	294 798.7	0.0	0	10 522	0.0	1 185.2	
	297 949.9	1 598.9	63 712	11 393	359 190.9	317 929.3	
SYNCRUDE		Diluent Naphtha					
OPEN. INV.	39 938.0	55 361.0	5 856 250	34 038	419 821.0	49 775.0	
PRODUCTION	729 237.0	149.0	86 425	29 624	932 464.0	724 989.0	
CLOS. INV.	31 212.0	50 575.0	5 942 675	32 093	429 598.0	60 932.0	
	737 963.0	4 935.0	0	31 569	922 687.0	713 832.0	
FURTHER							
PROCESSING	0.0	0.0	0	0	899 086.0	713 832.0	
FUEL	0.0	0.0	0	0	0.0	0.0	
FLARED/WASTE	0.0	4 935.0	0	0	0.0	0.0	
MET. DIFF.	16.0	0.0	0	0	0.0	0.0	
DILUENT CARRYOVER							
/RERUN	0.0	0.0	0	0	0.0	0.0	
TO SUNCOR	0.0	0.0	0	0	0.0	0.0	
DELIVERIES	737 947.0	0.0	0	31 569	23 601.0	0.0	
	737 963.0	4 935.0	0	31 569	922 687.0	713 832.0	

NOTES: (1) VOLUME AT 101.325 kPa AND 15 C.

(2) LIQUID VOLUME AT 15 C.



			1987 MAY		
			YEAR TO DATE		
SUNCOR OIL SANDS			SYNCRUDE OIL SANDS		
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	18 281 077	11.85	PRODUCTION	43 237 335	10.62
PROCESSED	18 281 077	11.85	PROCESSED	41 992 986	10.60
EXTERNAL ENERGY			EXTERNAL ENERGY		
	GAS	ELECTRIC		GAS	ELECTRIC
	3 3			3 3	
	10 m	GWh		10 m	GWh
PURCHASED	104 190.4	23.8	PURCHASED	288 999.0	1.7
GENERATED	0.0	194.5	GENERATED	0.0	465.2
	104 190.4	218.3		288 999.0	466.9
PLANT USE	56 311.0	218.3	PLANT USE	97 684.0	466.9
FURTHER			FURTHER		
PROCESSING	47 879.4	0.0	PROCESSING	191 315.0	0.0
FLARED	0.0	0.0	FLARED	0.0	0.0
METERING			METERING		
DIFFERENCE	0.0	0.0	DIFFERENCE	0.0	0.0
	104 190.4	218.3		288 999.0	466.9

NOTE: (1) GRADE: MASS PER-CENT BITUMEN IN OIL SANDS.

(2) GAS VOLUME AT 101.325 kPa AND 15 C.

ALL FIGURES INCLUDE CURRENT ADJUSTMENTS.





## BITUMEN SYNTHETIC PLANT OPERATIONS

4

		1987		MAY		
		YEAR TO DATE				
OPERATOR	PRODUCTS	INTERMEDIATES				
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE
	3 m	3 m	TONNES	TONNES	3 m	3 m
-----						
SUNCOR		Heavy Fuel Oil				
OPEN. INV.	80 692.9	1 946.8	2 091 957	184 528	49 245.6	3 042.3
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0
PRODUCTION	1 494 742.4	5 197.4	448 531	58 289	1 888 478.0	1 589 345.5
CLOS. INV.	88 295.3	2 085.4	2 218 702	184 528	41 280.4	11 132.0
-----						
	1 487 140.0	5 058.8	321 786	58 289	1 896 443.2	1 581 255.8
=====						
FURTHER						
PROCESSING	0.0	0.0	0	0	1 896 443.1	1 579 654.3
FUEL	15 200.6	5 058.8	318 350	0	0.0	207.7
FLARED/WASTE	0.0	0.0	0	3 779	0.0	0.0
MET. DIFF.	2 091.6	0.0	(1)	0	0.1	121.2
DELIVERIES	1 469 847.8	0.0	3 437	54 510	0.0	1 272.6
-----						
	1 487 140.0	5 058.8	321 786	58 289	1 896 443.2	1 581 255.8
=====						
SYNCRUDE		Diluent Naphtha				
OPEN. INV.	18 975.0	54 371.0	5 559 115	39 409	341 747.0	75 219.0
PRODUCTION	3 173 112.0	18 845.0	383 560	130 942	4 033 517.0	3 113 581.0
CLOS. INV.	31 212.0	50 575.0	5 942 675	32 093	429 598.0	60 932.0
-----						
	3 160 875.0	22 641.0	0	138 258	3 945 666.0	3 127 868.0
=====						
FURTHER						
PROCESSING	0.0	0.0	0	0	3 922 064.0	3 121 377.0
FUEL	0.0	0.0	0	0	0.0	0.0
FLARED/WASTE	0.0	22 521.0	0	0	0.0	0.0
MET. DIFF.	(22.0)	120.0	0	0	0.0	6 491.0
DILUENT CARRYOVER					1.0	
/RERUN	0.0	0.0	0	0	0.0	0.0
TO SUNCOR	0.0	0.0	0	0	0.0	0.0
DELIVERIES	3 160 897.0	0.0	0	138 258	23 601.0	0.0
-----						
	3 160 875.0	22 641.0	0	138 258	3 945 666.0	3 127 868.0
=====						

NOTES: (1) VOLUME AT 101.325 kPa AND 15 C.

(2) LIQUID VOLUME AT 15 C.



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# Alberta Oil Sands Plant Statistics

Monthly Supplement

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June 1987





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**Monthly Supplement**

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## TABLE OF CONTENTS

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Notes	Page
Suncor Inc. Resources Group and Syncrude Canada Ltd. Oil Sands production and processing. Purchased and generated gas and electricity.	1
Synthetic Crude Oil and associated inventories, production and disposition.	2
Oil Sands production and processing - year to date.	3
Synthetic Crude Oil, Intermediate and Products - year to date.	4





## NOTES

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- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.



BITUMEN SYNTHETIC PLANT OPERATIONS

1

			1987			JUNE		
			YEAR			MONTH		
SUNCOR OIL SANDS			SYNCRUDE OIL SANDS					
	TONNES	GRADE		TONNES	GRADE			
PRODUCTION	3 649 018	11.89	PRODUCTION	8 883 845	10.32			
PROCESSED	3 649 018	11.89	PROCESSED	8 951 309	10.44			
EXTERNAL ENERGY			EXTERNAL ENERGY					
	GAS	ELECTRIC		GAS	ELECTRIC			
	3 3			3 3				
	10 m	GWh		10 m	GWh			
PURCHASED	17 534.1	9.1	PURCHASED	54 010.0	0.7			
GENERATED	0.0	31.5	GENERATED	0.0	94.5			
	17 534.1	40.6		54 010.0	95.2			
PLANT USE	6 897.0	40.6	PLANT USE	12 341.0	95.2			
FURTHER			FURTHER					
PROCESSING	10 637.1	0.0	PROCESSING	41 669.0	0.0			
FLARED	0.0	0.0	FLARED	0.0	0.0			
METERING			METERING					
DIFFERENCE	0.0	0.0	DIFFERENCE	0.0	0.0			
	17 534.1	40.6		54 010.0	95.2			

NOTE: (1) GRADE: MASS PER-CENT BITUMEN IN OIL SANDS.

(2) GAS VOLUME AT 101.325 kPa AND 15 C.

ALL FIGURES INCLUDE CURRENT ADJUSTMENTS.



					1987	JUNE
					YEAR	MONTH
OPERATOR	PRODUCTS		INTERMEDIATES			
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE
	3 m	3 m	TONNES	TONNES	3 m	3 m
<hr/>						
SUNCOR	Heavy Fuel Oil					
OPEN. INV.	88 295.3	2 085.4	2 218 702	184 528	41 280.4	11 132.0
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0
PRODUCTION	320 794.5	0.0	95 432	12 574	371 218.7	337 123.1
CLOS. INV.	81 619.5	1 516.6	2 260 398	184 905	24 380.6	4 763.2
	327 470.3	568.8	53 736	12 197	388 118.5	343 491.9
<hr/>						
FURTHER						
PROCESSING	0.0	0.0	0	0	388 118.4	343 444.7
FUEL	2 695.1	568.7	53 736	0	0.0	0.0
FLARED/WASTE	0.0	0.0	0	660	0.0	0.0
MET. DIFF.	34.9	0.1	0	0	0.1	47.2
DELIVERIES	324 740.3	0.0	0	11 537	0.0	0.0
	327 470.3	568.8	53 736	12 197	388 118.5	343 491.9
<hr/>						
SYNCRUDE	Diluent Naphtha					
OPEN. INV.	31 212.0	50 575.0	5 942 675	32 093	429 598.0	60 932.0
PRODUCTION	718 823.0	4 654.0	83 162	30 157	838 794.0	696 339.0
CLOS. INV.	33 326.0	49 043.0	6 025 837	31 552	380 671.0	49 219.0
	716 709.0	6 186.0	0	30 698	887 721.0	708 052.0
<hr/>						
FURTHER						
PROCESSING	0.0	0.0	0	0	867 316.0	708 052.0
FUEL	0.0	0.0	0	0	0.0	0.0
FLARED/WASTE	0.0	6 186.0	0	0	0.0	0.0
MET. DIFF.	(4.0)	0.0	0	0	0.0	0.0
DILUENT CARRYOVER						
/RERUN	0.0	0.0	0	0	0.0	0.0
TO SUNCOR	0.0	0.0	0	0	0.0	0.0
DELIVERIES	716 713.0	0.0	0	30 698	20 405.0	0.0
	716 709.0	6 186.0	0	30 698	887 721.0	708 052.0
<hr/>						

NOTES: (1) VOLUME AT 101.325 kPa AND 15 °C.

(2) LIQUID VOLUME AT 15 °C.





			1987 JUNE		
			YEAR TO DATE		
SUNCOR OIL SANDS			SYNCRUDE OIL SANDS		
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	21 930 095	11.86	PRODUCTION	52 121 180	10.57
PROCESSED	21 930 095	11.86	PROCESSED	50 944 295	10.57
EXTERNAL ENERGY			EXTERNAL ENERGY		
	GAS	ELECTRIC		GAS	ELECTRIC
	3 3			3 3	
	10 m	GWh		10 m	GWh
PURCHASED	121 724.5	32.9	PURCHASED	343 009.0	2.4
GENERATED	0.0	226.0	GENERATED	0.0	559.7
	121 724.5	258.9		343 009.0	562.1
PLANT USE	63 208.0	258.9	PLANT USE	110 025.0	562.1
FURTHER			FURTHER		
PROCESSING	58 516.5	0.0	PROCESSING	232 984.0	0.0
FLARED	0.0	0.0	FLARED	0.0	0.0
METERING			METERING		
DIFFERENCE	0.0	0.0	DIFFERENCE	0.0	0.0
	121 724.5	258.9		343 009.0	562.1

NOTE: (1) GRADE: MASS PER-CENT BITUMEN IN OIL SANDS.

(2) GAS VOLUME AT 101.325 kPa AND 15 C.

ALL FIGURES INCLUDE CURRENT ADJUSTMENTS.



## BITUMEN SYNTHETIC PLANT OPERATIONS

4

OPERATOR	PRODUCTS	1987					
		JUNE					
		YEAR TO DATE					
		INTERMEDIATES					
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE	
	3	3			3		3
	m	m	TONNES	TONNES	m		m
SUNCOR		Heavy					
-----		Fuel Oil					
OPEN. INV.	80 692.9	1 946.8	2 091 957	184 528	49 245.6		3 042.3
FR. SYNCRUDE	0.0	0.0	0	0	0.0		0.0
PRODUCTION	1 815 536.9	5 197.4	543 963	70 863	2 259 696.7	1 926 468.6	
CLOS. INV.	81 619.5	1 516.6	2 260 398	184 905	24 380.6		4 763.2
	1 814 610.3	5 627.6	375 522	70 486	2 284 561.7	1 924 747.7	
FURTHER							
PROCESSING	0.0	0.0	0	0	2 284 561.5	1 923 099.0	
FUEL	17 895.7	5 627.5	372 086	0	0.0		207.7
FLARED/WASTE	0.0	0.0	0	4 439	0.0		0.0
MET. DIFF.	2 126.5	0.1	(1)	0	0.2		168.4
DELIVERIES	1 794 588.1	0.0	3 437	66 047	0.0		1 272.6
	1 814 610.3	5 627.6	375 522	70 486	2 284 561.7	1 924 747.7	
SYNCRUDE		Diluent					
-----		Naphtha					
OPEN. INV.	18 975.0	54 371.0	5 559 115	39 409	341 747.0		75 219.0
PRODUCTION	3 891 935.0	23 499.0	466 722	161 099	4 872 311.0	3 809 920.0	
CLOS. INV.	33 326.0	49 043.0	6 025 837	31 552	380 671.0		49 219.0
	3 877 584.0	28 827.0	0	168 956	4 833 387.0	3 835 920.0	
FURTHER							
PROCESSING	0.0	0.0	0	0	4 789 380.0	3 829 429.0	
FUEL	0.0	0.0	0	0	0.0		0.0
FLARED/WASTE	0.0	28 707.0	0	0	0.0		0.0
MET. DIFF.	(26.0)	120.0	0	0	0.0		6 491.0
DILUENT CARRYOVER					1.0		
/RERUN	0.0	0.0	0	0	0.0		0.0
TO SUNCOR	0.0	0.0	0	0	0.0		0.0
DELIVERIES	3 877 610.0	0.0	0	168 956	44 006.0		0.0
	3 877 584.0	28 827.0	0	168 956	4 833 387.0	3 835 920.0	

NOTES: (1) VOLUME AT 101.325 kPa AND 15<sup>0</sup> C.(2) LIQUID VOLUME AT 15<sup>0</sup> C.





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# Alberta Oil Sands Plant Statistics

Monthly Supplement

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July 1987





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# **Alberta Oil Sands Plant Statistics**

**Monthly Supplement**

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ENERGY RESOURCES CONSERVATION BOARD  
STATISTICAL SERIES

ALBERTA OIL SANDS PLANT STATISTICS,  
MONTHLY SUPPLEMENT

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## TABLE OF CONTENTS

---

Notes	Page
Suncor Inc. Resources Group and Syncrude Canada Ltd. Oil Sands production and processing. Purchased and generated gas and electricity.	1
Synthetic Crude Oil and associated inventories, production and disposition.	2
Oil Sands production and processing - year to date.	3
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## NOTES

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- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.



				1987	JULY
				YEAR	MONTH
SUNCOR OIL SANDS				SYNCRUDE OIL SANDS	
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	3 636 501	12.11	PRODUCTION	11 151 407	10.62
PROCESSED	3 636 501	12.11	PROCESSED	9 638 953	10.51
EXTERNAL ENERGY				EXTERNAL ENERGY	
	GAS	ELECTRIC		GAS	ELECTRIC
	3 3			3 3	
	10 m	GWh		10 m	GWh
PURCHASED	24 511.5	10.8	PURCHASED	54 936.0	1.3
GENERATED	0.0	31.3	GENERATED	0.0	96.3
	24 511.5	42.1		54 936.0	97.6
PLANT USE	14 369.4	42.1	PLANT USE	11 877.0	97.6
FURTHER			FURTHER		
PROCESSING	10 142.1	0.0	PROCESSING	43 059.0	0.0
FLARED	0.0	0.0	FLARED	0.0	0.0
METERING			METERING		
DIFFERENCE	0.0	0.0	DIFFERENCE	0.0	0.0
	24 511.5	42.1		54 936.0	97.6

NOTE: (1) GRADE: MASS PER-CENT BITUMEN IN OIL SANDS.

(2) GAS VOLUME AT 101.325 kPa AND 15 °C.

ALL FIGURES INCLUDE CURRENT ADJUSTMENTS.





## BITUMEN SYNTHETIC PLANT OPERATIONS

2

OPERATOR	PRODUCTS		1987				JULY
			YEAR				MONTH
			INTERMEDIATES				
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE	
	3 m	3 m	TONNES	TONNES	3 m	3 m	
SUNCOR	Heavy Fuel Oil						
OPEN. INV.	81 619.5	1 516.6	2 260 398	184 905	24 380.6	4 763.2	
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0	
PRODUCTION	283 642.4	1 763.1	90 169	11 146	377 400.5	307 369.6	
CLOS. INV.	73 801.3	1 977.6	2 297 025	184 905	19 051.1	10 219.2	
	291 460.6	1 302.1	53 542	11 146	382 730.0	301 913.6	
FURTHER							
PROCESSING	0.0	0.0	0	0	382 730.0	299 857.8	
FUEL	2 457.4	1 302.1	51 425	0	0.0	169.9	
FLARED/WASTE	0.0	0.0	0	624	0.0	1 934.6	
MET. DIFF.	95.1	0.0	0	0	0.0	(48.7)	
DELIVERIES	288 908.1	0.0	2 117	10 522	0.0	0.0	
	291 460.6	1 302.1	53 542	11 146	382 730.0	301 913.6	
SYNCRUDE	Diluent Naphtha						
OPEN. INV.	33 326.0	49 043.0	6 025 837	31 552	380 671.0	49 219.0	
PRODUCTION	718 609.0	14 386.0	86 962	30 643	915 690.0	719 512.0	
CLOS. INV.	42 067.0	56 236.0	6 112 799	31 524	390 991.0	50 936.0	
	709 868.0	7 193.0	0	30 671	905 370.0	717 795.0	
FURTHER							
PROCESSING	0.0	0.0	0	0	902 118.0	717 796.0	
FUEL	0.0	0.0	0	0	0.0	0.0	
FLARED/WASTE	0.0	7 193.0	0	0	0.0	0.0	
MET. DIFF.	(16.0)	0.0	0	0	0.0	(1.0)	
DILUENT CARRYOVER							
/RERUN	0.0	0.0	0	0	0.0	0.0	
TO SUNCOR	0.0	0.0	0	0	0.0	0.0	
DELIVERIES	709 884.0	0.0	0	30 671	3 252.0	0.0	
	709 868.0	7 193.0	0	30 671	905 370.0	717 795.0	

NOTES: (1) VOLUME AT 101.325 kPa AND 15 C.

(2) LIQUID VOLUME AT 15 C.



				1987	JULY
				YEAR TO DATE	
SUNCOR OIL SANDS				SYNCRUDE OIL SANDS	
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	25 566 596	11.89	PRODUCTION	63 272 587	10.58
PROCESSED	25 566 596	11.89	PROCESSED	60 583 248	10.56
EXTERNAL ENERGY				EXTERNAL ENERGY	
	GAS	ELECTRIC		GAS	ELECTRIC
	3 3			3 3	
	10 m	GWh		10 m	GWh
PURCHASED	146 236.0	43.7	PURCHASED	397 945.0	3.7
GENERATED	0.0	257.3	GENERATED	0.0	654.2
	146 236.0	301.0		397 945.0	657.9
PLANT USE	77 577.4	301.0	PLANT USE	121 902.0	657.9
FURTHER			FURTHER		
PROCESSING	68 658.6	0.0	PROCESSING	276 043.0	0.0
FLARED	0.0	0.0	FLARED	0.0	0.0
METERING			METERING		
DIFFERENCE	0.0	0.0	DIFFERENCE	0.0	0.0
	146 236.0	301.0		397 945.0	657.9

NOTE: (1) GRADE: MASS PER-CENT BITUMEN IN OIL SANDS.

(2) GAS VOLUME AT 101.325 kPa AND 15 °C.

ALL FIGURES INCLUDE CURRENT ADJUSTMENTS.



BITUMEN SYNTHETIC PLANT OPERATIONS

4

1987

JULY

YEAR TO DATE

OPERATOR	PRODUCTS		INTERMEDIATES			
			COKE	SULPHUR	BITUMEN	DISTILLATE
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS				
	3 m	3 m	TONNES	TONNES	3 m	3 m
<hr/>						
SUNCOR		Heavy Fuel Oil				
OPEN. INV.	80 692.9	1 946.8	2 091 957	184 528	49 245.6	3 042.3
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0
PRODUCTION	2 099 179.3	6 960.5	634 132	82 009	2 637 097.2	2 233 838.2
CLOS. INV.	73 801.3	1 977.6	2 297 025	184 905	19 051.1	10 219.2
	2 106 070.9	6 929.7	429 064	81 632	2 667 291.7	2 226 661.3
<hr/>						
FURTHER						
PROCESSING	0.0	0.0	0	0	2 667 291.5	2 222 956.8
FUEL	20 353.1	6 929.6	423 511	0	0.0	377.6
FLARED/WASTE	0.0	0.0	0	5 063	0.0	1 934.6
MET. DIFF.	2 221.6	0.1	(1)	0	0.2	119.7
DELIVERIES	2 083 496.2	0.0	5 554	76 569	0.0	1 272.6
	2 106 070.9	6 929.7	429 064	81 632	2 667 291.7	2 226 661.3
<hr/>						
SYNCRUDE		Diluent Naphtha				
OPEN. INV.	18 975.0	54 371.0	5 559 115	39 409	341 747.0	75 219.0
PRODUCTION	4 610 544.0	37 885.0	553 684	191 742	5 788 001.0	4 529 432.0
CLOS. INV.	42 067.0	56 236.0	6 112 799	31 524	390 991.0	50 936.0
	4 587 452.0	36 020.0	0	199 627	5 738 757.0	4 553 715.0
<hr/>						
FURTHER						
PROCESSING	0.0	0.0	0	0	5 691 498.0	4 547 225.0
FUEL	0.0	0.0	0	0	0.0	0.0
FLARED/WASTE	0.0	35 900.0	0	0	0.0	0.0
MET. DIFF.	(42.0)	120.0	0	0	0.0	6 490.0
DILUENT CARRYOVER					1.0	
/RERUN	0.0	0.0	0	0	0.0	0.0
TO SUNCOR	0.0	0.0	0	0	0.0	0.0
DELIVERIES	4 587 494.0	0.0	0	199 627	47 258.0	0.0
	4 587 452.0	36 020.0	0	199 627	5 738 757.0	4 553 715.0
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NOTES: (1) VOLUME AT 101.325 kPa AND 15 C.

(2) LIQUID VOLUME AT 15 C.





12  
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# **Alberta Oil Sands Plant Statistics**

**Monthly Supplement**

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**August 1987**







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# **Alberta Oil Sands Plant Statistics**

**Monthly Supplement**

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## NOTES

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- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.



## TABLE OF CONTENTS

---

Notes	Page
Suncor Inc. Resources Group and Syncrude Canada Ltd. Oil Sands production and processing. Purchased and generated gas and electricity.	1
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Synthetic Crude Oil, Intermediate and Products - year to date.	4





			1987		AUGUST
			YEAR		MONTH
SUNCOR OIL SANDS			SYNCRUDE OIL SANDS		
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	3 796 048	11.75	PRODUCTION	9 483 865	10.64
PROCESSED	3 796 048	11.75	PROCESSED	9 550 000	10.77
EXTERNAL ENERGY			EXTERNAL ENERGY		
	GAS	ELECTRIC		GAS	ELECTRIC
	3 3			3 3	
	10 m	GWh		10 m	GWh
PURCHASED	24 958.4	12.7	PURCHASED	59 827.0	2.0
GENERATED	0.0	18.8	GENERATED	0.0	98.1
	24 958.4	31.5		59 827.0	100.1
PLANT USE	15 043.5	31.5	PLANT USE	15 896.0	100.1
FURTHER			FURTHER		
PROCESSING	9 914.9	0.0	PROCESSING	43 931.0	0.0
FLARED	0.0	0.0	FLARED	0.0	0.0
METERING			METERING		
DIFFERENCE	0.0	0.0	DIFFERENCE	0.0	0.0
	24 958.4	31.5		59 827.0	100.1

NOTE: (1) GRADE: MASS PER-CENT BITUMEN IN OIL SANDS.

(2) GAS VOLUME AT 101.325 kPa AND 15 C.

ALL FIGURES INCLUDE CURRENT ADJUSTMENTS.



OPERATOR	PRODUCTS		1987				AUGUST
			YEAR				MONTH
			INTERMEDIATES				
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE	
	3 m	3 m	TONNES	TONNES	3 m	3 m	
SUNCOR		Heavy Fuel Oil					
OPEN. INV.	73 801.3	1 977.6	2 297 025	184 905	19 051.1	10 219.2	
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0	
PRODUCTION	282 340.2	1 061.8	92 090	10 733	401 117.9	316 607.0	
CLOS. INV.	71 313.7	1 842.0	2 335 691	185 683	25 952.5	28 935.8	
	284 827.8	1 197.4	53 424	9 955	394 216.5	297 890.4	
FURTHER							
PROCESSING	0.0	0.0	0	0	394 216.5	297 346.8	
FUEL	2 486.9	1 197.4	53 424	0	0.0	503.7	
FLARED/WASTE	0.0	0.0	0	381	0.0	0.0	
MET. DIFF.	1 070.8	0.0	0	0	0.0	39.9	
DELIVERIES	281 270.1	0.0	0	9 574	0.0	0.0	
	284 827.8	1 197.4	53 424	9 955	394 216.5	297 890.4	
SYNCRUDE		Diluent Naphtha					
OPEN. INV.	42 067.0	56 236.0	6 112 799	31 524	390 991.0	50 936.0	
PRODUCTION	739 080.0	7 488.0	88 848	30 565	921 698.0	738 465.0	
CLOS. INV.	20 676.0	57 740.0	6 201 647	32 249	386 483.0	57 626.0	
	760 471.0	5 984.0	0	29 840	926 206.0	731 775.0	
FURTHER							
PROCESSING	0.0	0.0	0	0	926 206.0	731 774.0	
FUEL	0.0	0.0	0	0	0.0	0.0	
FLARED/WASTE	0.0	5 984.0	0	0	0.0	0.0	
MET. DIFF.	39.0	0.0	0	0	0.0	1.0	
DILUENT CARRYOVER /RERUN	0.0	0.0	0	0	0.0	0.0	
TO SUNCOR	0.0	0.0	0	0	0.0	0.0	
DELIVERIES	760 432.0	0.0	0	29 840	0.0	0.0	
	760 471.0	5 984.0	0	29 840	926 206.0	731 775.0	

NOTES: (1) VOLUME AT 101.325 kPa AND 15 C.

(2) LIQUID VOLUME AT 15 C.



				1987		AUGUST	
				YEAR TO DATE			
SUNCOR OIL SANDS				SYNCRUDE OIL SANDS			
	TONNES		GRADE		TONNES		GRADE
PRODUCTION	29 362 644		11.88	PRODUCTION	72 756 452		10.58
PROCESSED	29 362 644		11.88	PROCESSED	70 133 248		10.59
EXTERNAL ENERGY				EXTERNAL ENERGY			
	GAS		ELECTRIC		GAS		ELECTRIC
	3 3				3 3		
	10 m		GWh		10 m		GWh
PURCHASED	171 194.4		56.4	PURCHASED	457 772.0		5.7
GENERATED		0.0	276.1	GENERATED		0.0	752.3
	171 194.4		332.5		457 772.0		758.0
PLANT USE	92 620.9		332.5	PLANT USE	137 798.0		758.0
FURTHER				FURTHER			
PROCESSING	78 573.5		0.0	PROCESSING	319 974.0		0.0
FLARED		0.0	0.0	FLARED		0.0	0.0
METERING				METERING			
DIFFERENCE		0.0	0.0	DIFFERENCE		0.0	0.0
	171 194.4		332.5		457 772.0		758.0

NOTE: (1) GRADE: MASS PER-CENT BITUMEN IN OIL SANDS.

(2) GAS VOLUME AT 101.325 kPa AND 15 °C.

ALL FIGURES INCLUDE CURRENT ADJUSTMENTS.





## BITUMEN SYNTHETIC PLANT OPERATIONS

4

1987 AUGUST

YEAR TO DATE

OPERATOR	PRODUCTS		INTERMEDIATES			
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE
	3 m	3 m	TONNES	TONNES	3 m	3 m
SUNCOR		Heavy Fuel Oil				
OPEN. INV.	80 692.9	1 946.8	2 091 957	184 528	49 245.6	3 042.3
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0
PRODUCTION	2 381 519.5	8 022.3	726 222	92 742	3 038 215.1	2 550 445.2
CLOS. INV.	71 313.7	1 842.0	2 335 691	185 683	25 952.5	28 935.8
	2 390 898.7	8 127.1	482 488	91 587	3 061 508.2	2 524 551.7
FURTHER						
PROCESSING	0.0	0.0	0	0	3 061 508.0	2 520 303.6
FUEL	22 840.0	8 127.0	476 935	0	0.0	881.3
FLARED/WASTE	0.0	0.0	0	5 444	0.0	1 934.6
MET. DIFF.	3 292.4	0.1	(1)	0	0.2	159.6
DELIVERIES	2 364 766.3	0.0	5 554	86 143	0.0	1 272.6
	2 390 898.7	8 127.1	482 488	91 587	3 061 508.2	2 524 551.7
SYNCRUDE		Diluent Naphtha				
OPEN. INV.	18 975.0	54 371.0	5 559 115	39 409	341 747.0	75 219.0
PRODUCTION	5 349 624.0	45 373.0	642 532	222 307	6 709 699.0	5 267 897.0
CLOS. INV.	20 676.0	57 740.0	6 201 647	32 249	386 483.0	57 626.0
	5 347 923.0	42 004.0	0	229 467	6 664 963.0	5 285 490.0
FURTHER						
PROCESSING	0.0	0.0	0	0	6 617 704.0	5 278 999.0
FUEL	0.0	0.0	0	0	0.0	0.0
FLARED/WASTE	0.0	41 884.0	0	0	0.0	0.0
MET. DIFF.	(3.0)	120.0	0	0	0.0	6 491.0
DILUENT CARRYOVER					1.0	
/RERUN	0.0	0.0	0	0	0.0	0.0
TO SUNCOR	0.0	0.0	0	0	0.0	0.0
DELIVERIES	5 347 926.0	0.0	0	229 467	47 258.0	0.0
	5 347 923.0	42 004.0	0	229 467	6 664 963.0	5 285 490.0

NOTES: (1) VOLUME AT 101.325 kPa AND 15 C.

(2) LIQUID VOLUME AT 15 C.







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# Alberta Oil Sands Plant Statistics

Monthly Supplement

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September 1987





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# **Alberta Oil Sands Plant Statistics**

**Monthly Supplement**

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ENERGY RESOURCES CONSERVATION BOARD  
STATISTICAL SERIES

ALBERTA OIL SANDS PLANT STATISTICS,  
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## TABLE OF CONTENTS

---

Notes	Page
Suncor Inc. Resources Group and Syncrude Canada Ltd. Oil Sands production and processing. Purchased and generated gas and electricity.	1
Synthetic Crude Oil and associated inventories, production and disposition.	2
Oil Sands production and processing - year to date.	3
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## NOTES

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- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.





			1987	SEPTEMBER
			YEAR	MONTH
SUNCOR OIL SANDS			SYNCRUDE OIL SANDS	
	TONNES	GRADE	TONNES	GRADE
PRODUCTION	2 098 390	11.30	6 678 377	10.42
PROCESSED	2 098 390	11.30	6 491 034	10.38
EXTERNAL ENERGY			EXTERNAL ENERGY	
	GAS	ELECTRIC	GAS	ELECTRIC
	3 3		3 3	
	10 m	GWh	10 m	GWh
PURCHASED	14 158.1	4.8	65 166.0	0.8
GENERATED	0.0	38.3	0.0	73.1
	14 158.1	43.1	65 166.0	73.9
PLANT USE	9 386.2	43.1	35 837.0	73.9
FURTHER				
PROCESSING	4 655.4	0.0	29 329.0	0.0
FLARED	116.5	0.0	0.0	0.0
METERING				
DIFFERENCE	0.0	0.0	0.0	0.0
	14 158.1	43.1	65 166.0	73.9

NOTE: (1) GRADE: MASS PER-CENT BITUMEN IN OIL SANDS.

(2) GAS VOLUME AT 101.325 kPa AND 15 °C.

ALL FIGURES INCLUDE CURRENT ADJUSTMENTS.



BITUMEN SYNTHETIC PLANT OPERATIONS

2

		1987		SEPTEMBER		
		YEAR		MONTH		
OPERATOR	PRODUCTS	INTERMEDIATES				
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE
	3 m	3 m	TONNES	TONNES	3 m	3 m
SUNCOR	Heavy Fuel Oil					
OPEN. INV.	71 313.7	1 842.0	2 335 691	185 683	25 952.5	28 935.8
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0
PRODUCTION	73 412.0	1 856.1	47 883	3 650	203 887.6	157 846.1
CLOS. INV.	48 231.2	2 151.5	2 338 167	185 794	24 855.1	62 962.4
	96 494.5	1 546.6	45 407	3 539	204 985.0	123 819.5
FURTHER						
PROCESSING	0.0	0.0	0	0	204 985.0	77 888.3
FUEL	3 843.7	1 546.7	45 407	0	0.0	1 343.9
FLARED/WASTE	0.0	0.0	0	359	0.0	611.0
MET. DIFF.	(131.1)	(0.1)	(0)	0	0.0	808.9
DELIVERIES	92 781.9	0.0	0	3 180	0.0	43 167.4
	96 494.5	1 546.6	45 407	3 539	204 985.0	123 819.5
SYNCRUDE	Diluent Naphtha					
OPEN. INV.	20 676.0	57 740.0	6 201 647	32 249	386 483.0	57 626.0
PRODUCTION	477 954.0	14 641.0	60 458	19 378	608 753.0	503 434.0
CLOS. INV.	28 336.0	68 032.0	6 262 105	31 894	363 843.0	78 366.0
	470 294.0	4 349.0	0	19 733	631 393.0	482 694.0
FURTHER						
PROCESSING	0.0	0.0	0	0	631 393.0	482 694.0
FUEL	0.0	0.0	0	0	0.0	0.0
FLARED/WASTE	0.0	4 349.0	0	0	0.0	0.0
MET. DIFF.	(14.0)	0.0	0	0	0.0	0.0
DILUENT CARRYOVER						
/RERUN	0.0	0.0	0	0	0.0	0.0
TO SUNCOR	0.0	0.0	0	0	0.0	0.0
DELIVERIES	470 308.0	0.0	0	19 733	0.0	0.0
	470 294.0	4 349.0	0	19 733	631 393.0	482 694.0

NOTES: (1) VOLUME AT 101.325 kPa AND 15 C.

(2) LIQUID VOLUME AT 15 C.



			1987 SEPTEMBER		
			YEAR TO DATE		
SUNCOR OIL SANDS			SYNCRUDE OIL SANDS		
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	31 461 034	11.84	PRODUCTION	79 434 829	10.57
PROCESSED	31 461 034	11.84	PROCESSED	76 624 282	10.57
EXTERNAL ENERGY			EXTERNAL ENERGY		
	GAS	ELECTRIC		GAS	ELECTRIC
	3 3			3 3	
	10 m	GWh		10 m	GWh
PURCHASED	185 352.5	61.2	PURCHASED	522 938.0	6.5
GENERATED	0.0	314.4	GENERATED	0.0	825.4
	185 352.5	375.6		522 938.0	831.9
PLANT USE	102 007.1	375.6	PLANT USE	173 635.0	831.9
FURTHER			FURTHER		
PROCESSING	83 228.9	0.0	PROCESSING	349 303.0	0.0
FLARED	116.5	0.0	FLARED	0.0	0.0
METERING			METERING		
DIFFERENCE	0.0	0.0	DIFFERENCE	0.0	0.0
	185 352.5	375.6		522 938.0	831.9

NOTE: (1) GRADE: MASS PER-CENT BITUMEN IN OIL SANDS.

(2) GAS VOLUME AT 101.325 kPa AND 15 C.

ALL FIGURES INCLUDE CURRENT ADJUSTMENTS.





1987 SEPTEMBER

YEAR TO DATE

OPERATOR	PRODUCTS		INTERMEDIATES				
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE	
	3 m	3 m	TONNES	TONNES	3 m	3 m	
<hr/>							
SUNCOR		Heavy Fuel Oil					
OPEN. INV.	80 692.9	1 946.8	2 091 957	184 528	49 245.6	3 042.3	
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0	
PRODUCTION	2 454 931.5	9 878.4	774 105	96 392	3 242 102.7	2 708 291.3	
CLOS. INV.	48 231.2	2 151.5	2 338 167	185 794	24 855.1	62 962.4	
	2 487 393.2	9 673.7	527 895	95 126	3 266 493.2	2 648 371.2	
<hr/>							
FURTHER							
PROCESSING	0.0	0.0	0	0	3 266 493.0	2 598 191.9	
FUEL	26 683.7	9 673.7	522 342	0	0.0	2 225.2	
FLARED/WASTE	0.0	0.0	0	5 803	0.0	2 545.6	
MET. DIFF.	3 161.3	0.0	(1)	0	0.2	968.5	
DELIVERIES	2 457 548.2	0.0	5 554	89 323	0.0	44 440.0	
	2 487 393.2	9 673.7	527 895	95 126	3 266 493.2	2 648 371.2	
<hr/>							
SYNCRUDE		Diluent Naphtha					
OPEN. INV.	18 975.0	54 371.0	5 559 115	39 409	341 747.0	75 219.0	
PRODUCTION	5 827 578.0	60 014.0	702 990	241 685	7 318 452.0	5 771 331.0	
CLOS. INV.	28 336.0	68 032.0	6 262 105	31 894	363 843.0	78 366.0	
	5 818 217.0	46 353.0	0	249 200	7 296 356.0	5 768 184.0	
<hr/>							
FURTHER							
PROCESSING	0.0	0.0	0	0	7 249 097.0	5 761 693.0	
FUEL	0.0	0.0	0	0	0.0	0.0	
FLARED/WASTE	0.0	46 233.0	0	0	0.0	0.0	
MET. DIFF.	(17.0)	120.0	0	0	0.0	6 491.0	
DILUENT CARRYOVER					1.0		
/RERUN	0.0	0.0	0	0	0.0	0.0	
TO SUNCOR	0.0	0.0	0	0	0.0	0.0	
DELIVERIES	5 818 234.0	0.0	0	249 200	47 258.0	0.0	
	5 818 217.0	46 353.0	0	249 200	7 296 356.0	5 768 184.0	
<hr/>							

NOTES: (1) VOLUME AT 101.325 kPa AND 15 C.

(2) LIQUID VOLUME AT 15 C.





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# Alberta Oil Sands Plant Statistics

Monthly Supplement

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October 1987





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# **Alberta Oil Sands Plant Statistics**

**Monthly Supplement**

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## TABLE OF CONTENTS

---

Notes	Page
Suncor Inc. Resources Group and Syncrude Canada Ltd. Oil Sands production and processing. Purchased and generated gas and electricity.	1
Synthetic Crude Oil and associated inventories, production and disposition.	2
Oil Sands production and processing - year to date.	3
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## NOTES

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- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.





			1987		OCTOBER
			YEAR		MONTH
SUNCOR OIL SANDS			SYNCRUDE OIL SANDS		
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	1 287 801	12.69	PRODUCTION	6 468 231	10.80
PROCESSED	1 287 771	12.69	PROCESSED	7 691 536	10.64
EXTERNAL ENERGY			EXTERNAL ENERGY		
	GAS	ELECTRIC		GAS	ELECTRIC
	3 3			3 3	
	10 m	GWh		10 m	GWh
PURCHASED	14 178.7	3.2	PURCHASED	75 287.0	1.5
GENERATED	0.0	22.0	GENERATED	0.0	84.1
	14 178.7	25.2		75 287.0	85.6
PLANT USE	8 442.6	25.2	PLANT USE	43 321.0	85.6
FURTHER			FURTHER		
PROCESSING	5 726.4	0.0	PROCESSING	31 966.0	0.0
FLARED	9.7	0.0	FLARED	0.0	0.0
METERING			METERING		
DIFFERENCE	0.0	0.0	DIFFERENCE	0.0	0.0
	14 178.7	25.2		75 287.0	85.6

NOTE: (1) GRADE: MASS PER-CENT BITUMEN IN OIL SANDS.

(2) GAS VOLUME AT 101.325 kPa AND 15 C.

ALL FIGURES INCLUDE CURRENT ADJUSTMENTS.



		1987		OCTOBER		
		YEAR		MONTH		
OPERATOR	PRODUCTS	INTERMEDIATES				
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE
	3 m	3 m	TONNES	TONNES	3 m	3 m
<hr/>						
SUNCOR	Heavy Fuel Oil					
OPEN. INV.	48 231.2	2 151.5	2 338 167	185 794	24 855.1	62 962.4
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0
PRODUCTION	50 356.2	739.9	32 719	2 583	152 888.6	101 165.4
CLOS. INV.	45 982.4	2 633.9	2 327 615	185 794	39 561.1	68 381.0
	52 605.0	257.5	43 271	2 583	138 182.6	95 746.8
<hr/>						
FURTHER						
PROCESSING	0.0	0.0	0	0	138 182.6	52 594.3
FUEL	1 984.6	257.4	43 272	0	0.0	430.5
FLARED/WASTE	0.0	0.0	0	108	0.0	89.8
MET. DIFF.	329.5	0.1	(1)		0.0	(382.0)
DELIVERIES	50 290.9	0.0	0	2 475	0.0	43 014.2
	52 605.0	257.5	43 271	2 583	138 182.6	95 746.8
<hr/>						
SYNCRUDE	Diluent Naphtha					
OPEN. INV.	28 336.0	68 032.0	6 262 105	31 894	363 843.0	78 366.0
PRODUCTION	524 378.0	7 867.0	67 650	21 548	735 592.0	560 035.0
CLOS. INV.	45 929.0	71 157.0	6 329 755	31 891	391 439.0	117 857.0
	506 785.0	4 742.0	0	21 551	707 996.0	520 544.0
<hr/>						
FURTHER						
PROCESSING	0.0	0.0	0	0	707 995.0	520 543.0
FUEL	0.0	0.0	0	0	0.0	0.0
FLARED/WASTE	0.0	4 742.0	0	0	0.0	0.0
MET. DIFF.	(32.0)	0.0	0	0	1.0	1.0
DILUENT CARRYOVER						
/RERUN	0.0	0.0	0	0	0.0	0.0
TO SUNCOR	0.0	0.0	0	0	0.0	0.0
DELIVERIES	506 817.0	0.0	0	21 551	0.0	0.0
	506 785.0	4 742.0	0	21 551	707 996.0	520 544.0
<hr/>						

NOTES: (1) VOLUME AT 101.325 kPa AND 15 C.

(2) LIQUID VOLUME AT 15 C.



			1987 OCTOBER		
			YEAR TO DATE		
SUNCOR OIL SANDS			SYNCRUDE OIL SANDS		
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	32 748 835	11.87	PRODUCTION	85 903 060	10.59
PROCESSED	32 748 805	11.87	PROCESSED	84 315 818	10.58
EXTERNAL ENERGY			EXTERNAL ENERGY		
	GAS	ELECTRIC		GAS	ELECTRIC
	3 3			3 3	
	10 m	GWh		10 m	GWh
PURCHASED	199 531.2	64.4	PURCHASED	598 225.0	8.0
GENERATED	0.0	336.4	GENERATED	0.0	909.5
	199 531.2	400.8		598 225.0	917.5
PLANT USE	110 449.7	400.8	PLANT USE	216 956.0	917.5
FURTHER			FURTHER		
PROCESSING	88 955.3	0.0	PROCESSING	381 269.0	0.0
FLARED	126.2	0.0	FLARED	0.0	0.0
METERING			METERING		
DIFFERENCE	0.0	0.0	DIFFERENCE	0.0	0.0
	199 531.2	400.8		598 225.0	917.5

NOTE: (1) GRADE: MASS PER-CENT BITUMEN IN OIL SANDS.

(2) GAS VOLUME AT 101.325 kPa AND 15 C.

ALL FIGURES INCLUDE CURRENT ADJUSTMENTS.





## BITUMEN SYNTHETIC PLANT OPERATIONS

4

		1987					OCTOBER
		YEAR TO DATE					
OPERATOR	PRODUCTS	INTERMEDIATES					
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE	
	3 m	3 m	TONNES	TONNES	3 m	3 m	
SUNCOR		Heavy Fuel Oil					
OPEN. INV.	80 692.9	1 946.8	2 091 957	184 528	49 245.6	3 042.3	
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0	
PRODUCTION	2 505 287.7	10 618.3	806 824	99 221	3 394 991.3	2 809 456.7	
CLOS. INV.	45 982.4	2 633.9	2 327 615	185 794	39 561.1	68 381.0	
	2 539 998.2	9 931.2	571 166	97 955	3 404 675.8	2 744 118.0	
FURTHER							
PROCESSING	0.0	0.0	0	0	3 404 675.6	2 650 786.2	
FUEL	28 668.3	9 931.1	565 614	0	0.0	2 655.7	
FLARED/WASTE	0.0	0.0	0	6 157	0.0	2 635.4	
MET. DIFF.	3 490.8	0.1	(2)	0	0.2	586.5	
DELIVERIES	2 507 839.1	0.0	5 554	91 798	0.0	87 454.2	
	2 539 998.2	9 931.2	571 166	97 955	3 404 675.8	2 744 118.0	
SYNCRUDE		Diluent Naphtha					
OPEN. INV.	18 975.0	54 371.0	5 559 115	39 409	341 747.0	75 219.0	
PRODUCTION	6 351 956.0	67 881.0	770 640	263 233	8 054 044.0	6 331 366.0	
CLOS. INV.	45 929.0	71 157.0	6 329 755	31 891	391 439.0	117 857.0	
	6 325 002.0	51 095.0	0	270 751	8 004 352.0	6 288 728.0	
FURTHER							
PROCESSING	0.0	0.0	0	0	7 957 092.0	6 282 236.0	
FUEL	0.0	0.0	0	0	0.0	0.0	
FLARED/WASTE	0.0	50 975.0	0	0	0.0	0.0	
MET. DIFF.	(49.0)	120.0	0	0	2.0	6 492.0	
DILUENT CARRYOVER							
/RERUN	0.0	0.0	0	0	0.0	0.0	
TO SUNCOR	0.0	0.0	0	0	0.0	0.0	
DELIVERIES	6 325 051.0	0.0	0	270 751	47 258.0	0.0	
	6 325 002.0	51 095.0	0	270 751	8 004 352.0	6 288 728.0	

NOTES: (1) VOLUME AT 101.325 kPa AND 15 C.

(2) LIQUID VOLUME AT 15 C.





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# Alberta Oil Sands Plant Statistics

Monthly Supplement

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November 1987





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# **Alberta Oil Sands Plant Statistics**

**Monthly Supplement**

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ENERGY RESOURCES CONSERVATION BOARD  
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## TABLE OF CONTENTS

---

Notes	Page
Suncor Inc. Resources Group and Syncrude Canada Ltd. Oil Sands production and processing. Purchased and generated gas and electricity.	1
Synthetic Crude Oil and associated inventories, production and disposition.	2
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## NOTES

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- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.



			1987	NOVEMBER
			YEAR	MONTH
SUNCOR OIL SANDS			SYNCRUDE OIL SANDS	
	TONNES	GRADE	TONNES	GRADE
PRODUCTION	0	0.00	7 589 970	10.36
PROCESSED	0	0.00	10 115 891	10.52
EXTERNAL ENERGY			EXTERNAL ENERGY	
	GAS	ELECTRIC	GAS	ELECTRIC
	3 3		3 3	
	10 m	GWh	10 m	GWh
PURCHASED	10 703.6	0.5	76 408.0	0.9
GENERATED	0.0	17.0	0.0	101.0
	10 703.6	17.5	76 408.0	101.9
PLANT USE	10 703.6	17.5	34 907.0	101.9
FURTHER				
PROCESSING	0.0	0.0	41 501.0	0.0
FLARED	0.0	0.0	0.0	0.0
METERING				
DIFFERENCE	0.0	0.0	0.0	0.0
	10 703.6	17.5	76 408.0	101.9

NOTE: (1) GRADE: MASS PER-CENT BITUMEN IN OIL SANDS.

(2) GAS VOLUME AT 101.325 kPa AND 15 C.

ALL FIGURES INCLUDE CURRENT ADJUSTMENTS.



		1987		NOVEMBER			
		YEAR		MONTH			
OPERATOR	PRODUCTS	INTERMEDIATES					
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE	
	3 m	3 m	TONNES	TONNES	3 m	3 m	
SUNCOR	Heavy Fuel Oil						
OPEN. INV.	45 982.4	2 633.9	2 327 615	185 794	39 561.1	68 381.0	
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0	
PRODUCTION	(800.0)	0.0	0	3	0.0	(4 516.4)	
CLOS. INV.	45 179.5	2 317.7	2 295 250	185 794	43 784.0	63 864.6	
	2.9	316.2	32 365	3	(4 222.9)	0.0	
FURTHER							
PROCESSING	0.0	0.0	0	0	0.0	0.0	
FUEL	4.9	316.2	32 365	0	0.0	0.0	
FLARED/WASTE	0.0	0.0	0	3	0.0	0.0	
MET. DIFF.	(2.0)	0.0	0		(4 222.9)	0.0	
DELIVERIES	0.0	0.0	0	0	0.0	0.0	
	2.9	316.2	32 365	3	(4 222.9)	0.0	
SYNCRUDE	Diluent Naphtha						
OPEN. INV.	45 929.0	71 157.0	6 329 755	31 891	391 439.0	117 857.0	
PRODUCTION	767 623.0	(3 621.0)	84 999	31 259	964 080.0	719 695.0	
CLOS. INV.	28 098.0	61 139.0	6 414 754	32 335	456 745.0	88 489.0	
	785 454.0	6 397.0	0	30 815	898 774.0	749 063.0	
FURTHER							
PROCESSING	0.0	0.0	0	0	898 774.0	749 063.0	
FUEL	0.0	0.0	0	0	0.0	0.0	
FLARED/WASTE	0.0	6 397.0	0	0	0.0	0.0	
MET. DIFF.	32.0	0.0	0	0	0.0	0.0	
DILUENT CARRYOVER							
/RERUN	0.0	0.0	0	0	0.0	0.0	
TO SUNCOR	0.0	0.0	0	0	0.0	0.0	
DELIVERIES	785 422.0	0.0	0	30 815	0.0	0.0	
	785 454.0	6 397.0	0	30 815	898 774.0	749 063.0	

NOTES: (1) VOLUME AT 101.325 kPa AND 15 C.

(2) LIQUID VOLUME AT 15 C.





			1987 NOVEMBER		
			YEAR TO DATE		
SUNCOR OIL SANDS			SYNCRUDE OIL SANDS		
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	32 748 835	11.87	PRODUCTION	93 493 030	10.57
PROCESSED	32 748 805	11.87	PROCESSED	94 431 709	10.57
EXTERNAL ENERGY			EXTERNAL ENERGY		
	GAS	ELECTRIC		GAS	ELECTRIC
	3 3			3 3	
	10 m	GWh		10 m	GWh
PURCHASED	210 234.8	64.9	PURCHASED	674 633.0	8.9
GENERATED	0.0	353.4	GENERATED	0.0	1 010.5
	210 234.8	418.3		674 633.0	1 019.4
PLANT USE	121 153.3	418.3	PLANT USE	251 863.0	1 019.4
FURTHER			FURTHER		
PROCESSING	88 955.3	0.0	PROCESSING	422 770.0	0.0
FLARED	126.2	0.0	FLARED	0.0	0.0
METERING			METERING		
DIFFERENCE	0.0	0.0	DIFFERENCE	0.0	0.0
	210 234.8	418.3		674 633.0	1 019.4

NOTE: (1) GRADE: MASS PER-CENT BITUMEN IN OIL SANDS.

(2) GAS VOLUME AT 101.325 kPa AND 15 C.

ALL FIGURES INCLUDE CURRENT ADJUSTMENTS.





BITUMEN SYNTHETIC PLANT OPERATIONS

4

		1987 NOVEMBER					
		YEAR TO DATE					
OPERATOR	PRODUCTS	INTERMEDIATES					
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE	
	3 m	3 m	TONNES	TONNES	3 m	3 m	
-----							
SUNCOR		Heavy Fuel Oil					
OPEN. INV.	80 692.9	1 946.8	2 091 957	184 528	49 245.6	3 042.3	
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0	
PRODUCTION	2 504 487.7	10 618.3	806 824	99 224	3 394 991.3	2 804 940.3	
CLOS. INV.	45 179.5	2 317.7	2 295 250	185 794	43 784.0	63 864.6	
-----							
	2 540 001.1	10 247.4	603 531	97 958	3 400 452.9	2 744 118.0	
=====							
FURTHER							
PROCESSING	0.0	0.0	0	0	3 404 675.6	2 650 786.2	
FUEL	28 673.2	10 247.3	597 979	0	0.0	2 655.7	
FLARED/WASTE	0.0	0.0	0	6 160	0.0	2 635.4	
MET. DIFF.	3 488.8	0.1	(2)	0	(4 222.7)	586.5	
DELIVERIES	2 507 839.1	0.0	5 554	91 798	0.0	87 454.2	
-----							
	2 540 001.1	10 247.4	603 531	97 958	3 400 452.9	2 744 118.0	
=====							
SYNCRUDE		Diluent Naphtha					
OPEN. INV.	18 975.0	54 371.0	5 559 115	39 409	341 747.0	75 219.0	
PRODUCTION	7 119 579.0	64 260.0	855 639	294 492	9 018 124.0	7 051 061.0	
CLOS. INV.	28 098.0	61 139.0	6 414 754	32 335	456 745.0	88 489.0	
-----							
	7 110 456.0	57 492.0	0	301 566	8 903 126.0	7 037 791.0	
=====							
FURTHER							
PROCESSING	0.0	0.0	0	0	8 855 866.0	7 031 299.0	
FUEL	0.0	0.0	0	0	0.0	0.0	
FLARED/WASTE	0.0	57 372.0	0	0	0.0	0.0	
MET. DIFF.	(17.0)	120.0	0	0	2.0	6 492.0	
DILUENT CARRYOVER /RERUN	0.0	0.0	0	0	0.0	0.0	
TO SUNCOR	0.0	0.0	0	0	0.0	0.0	
DELIVERIES	7 110 473.0	0.0	0	301 566	47 258.0	0.0	
-----							
	7 110 456.0	57 492.0	0	301 566	8 903 126.0	7 037 791.0	
=====							

NOTES: (1) VOLUME AT 101.325 kPa AND 15 C.

(2) LIQUID VOLUME AT 15 C.



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# Alberta Oil Sands Plant Statistics

Monthly Supplement

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December 1987



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# **Alberta Oil Sands Plant Statistics**

**Monthly Supplement**

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## TABLE OF CONTENTS

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Notes	Page
Suncor Inc. Resources Group and Syncrude Canada Ltd. Oil Sands production and processing. Purchased and generated gas and electricity.	1
Synthetic Crude Oil and associated inventories, production and disposition.	2
Oil Sands production and processing - year to date.	3
Synthetic Crude Oil, Intermediate and Products - year to date.	4





## NOTES

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- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.



			1987	DECEMBER
			YEAR	MONTH
SUNCOR OIL SANDS			SYNCRUDE OIL SANDS	
	TONNES	GRADE	TONNES	GRADE
PRODUCTION	0	0.00	10 350 529	10.59
PROCESSED	0	0.00	10 243 196	10.69
EXTERNAL ENERGY			EXTERNAL ENERGY	
	GAS	ELECTRIC	GAS	ELECTRIC
	3 3		3 3	
	10 m	GWh	10 m	GWh
PURCHASED	10 770.6	3.6	78 955.0	7.2
GENERATED	0.0	14.9	0.0	105.3
	10 770.6	18.5	78 955.0	112.5
PLANT USE	10 770.6	18.5	35 460.0	112.5
FURTHER				
PROCESSING	0.0	0.0	43 495.0	0.0
FLARED	0.0	0.0	0.0	0.0
METERING				
DIFFERENCE	0.0	0.0	0.0	0.0
	10 770.6	18.5	78 955.0	112.5

NOTE: (1) GRADE: MASS PER-CENT BITUMEN IN OIL SANDS.

(2) GAS VOLUME AT 101.325 kPa AND 15 °C.

ALL FIGURES INCLUDE CURRENT ADJUSTMENTS.



					1987	DECEMBER
					YEAR	MONTH
OPERATOR	PRODUCTS		INTERMEDIATES			
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE
	3 m	3 m	TONNES	TONNES	3 m	3 m
SUNCOR	Heavy Fuel Oil					
OPEN. INV.	45 179.5	2 317.7	2 295 250	185 794	43 784.0	63 864.6
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0
PRODUCTION	0.0	0.0	0	4	0.0	116.8
CLOS. INV.	44 125.9	1 648.9	2 261 336	185 794	44 237.0	61 134.1
	1 053.6	668.8	33 914	4	(453.0)	2 847.3
FURTHER						
PROCESSING	0.0	0.0	0	0	0.0	0.0
FUEL	12.4	668.8	33 914	0	0.0	0.0
FLARED/WASTE	0.0	0.0	0	4	0.0	0.0
MET. DIFF.	1 041.2	0.0	0		(453.0)	2 847.3
DELIVERIES	0.0	0.0	0	0	0.0	0.0
	1 053.6	668.8	33 914	4	(453.0)	2 847.3
SYNCRUDE	Diluent Naphtha					
OPEN. INV.	28 098.0	61 139.0	6 414 754	32 335	456 745.0	88 489.0
PRODUCTION	798 257.0	6 762.0	89 402	33 410	996 160.0	751 072.0
CLOS. INV.	16 735.0	58 712.0	6 504 156	1 796	513 509.0	49 632.0
	809 620.0	9 189.0	0	63 949	939 396.0	789 929.0
FURTHER						
PROCESSING	0.0	0.0	0	0	939 396.0	789 930.0
FUEL	0.0	0.0	0	0	0.0	0.0
FLARED/WASTE	0.0	9 189.0	0	12	0.0	0.0
MET. DIFF.	20.0	0.0	0	30 465	0.0	(1.0)
DILUENT CARRYOVER /RERUN	0.0	0.0	0	0	0.0	0.0
TO SUNCOR	0.0	0.0	0	0	0.0	0.0
DELIVERIES	809 600.0	0.0	0	33 472	0.0	0.0
	809 620.0	9 189.0	0	63 949	939 396.0	789 929.0

NOTES: (1) VOLUME AT 101.325 kPa AND 15 C.

(2) LIQUID VOLUME AT 15 C.



			1987 DECEMBER		
			YEAR TO DATE		
SUNCOR OIL SANDS			SYNCRUDE OIL SANDS		
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	32 748 835	11.87	PRODUCTION	103 843 559	10.57
PROCESSED	32 748 805	11.87	PROCESSED	104 674 905	10.58
EXTERNAL ENERGY			EXTERNAL ENERGY		
	GAS	ELECTRIC		GAS	ELECTRIC
	3 3			3 3	
	10 m	GWh		10 m	GWh
PURCHASED	221 005.4	68.5	PURCHASED	753 588.0	16.1
GENERATED	0.0	368.3	GENERATED	0.0	1 115.8
	221 005.4	436.8		753 588.0	1 131.9
PLANT USE	131 923.9	436.8	PLANT USE	287 323.0	1 131.9
FURTHER			FURTHER		
PROCESSING	88 955.3	0.0	PROCESSING	466 265.0	0.0
FLARED	126.2	0.0	FLARED	0.0	0.0
METERING			METERING		
DIFFERENCE	0.0	0.0	DIFFERENCE	0.0	0.0
	221 005.4	436.8		753 588.0	1 131.9

NOTE: (1) GRADE: MASS PER-CENT BITUMEN IN OIL SANDS.

(2) GAS VOLUME AT 101.325 kPa AND 15 °C.

ALL FIGURES INCLUDE CURRENT ADJUSTMENTS.







1987 DECEMBER

YEAR TO DATE

OPERATOR	PRODUCTS		INTERMEDIATES			
			COKE	SULPHUR	BITUMEN	DISTILLATE
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	TONNES	TONNES		
	3 m	3 m			3 m	3 m
SUNCOR		Heavy Fuel Oil				
OPEN. INV.	80 692.9	1 946.8	2 091 957	184 528	49 245.6	3 042.3
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0
PRODUCTION	2 505 287.7	10 618.3	806 824	99 228	3 394 991.3	2 805 057.1
CLOS. INV.	44 125.9	1 648.9	2 261 336	185 794	44 237.0	61 134.1
	2 541 854.7	10 916.2	637 445	97 962	3 399 999.9	2 746 965.3
FURTHER						
PROCESSING	0.0	0.0	0	0	3 404 675.6	2 650 786.2
FUEL	28 685.6	10 916.1	631 893	0	0.0	2 655.7
FLARED/WASTE	0.0	0.0	0	6 164	0.0	2 635.4
MET. DIFF.	5 330.0	0.1	(2)	0	(4 675.7)	3 433.8
DELIVERIES	2 507 839.1	0.0	5 554	91 798	0.0	87 454.2
	2 541 854.7	10 916.2	637 445	97 962	3 399 999.9	2 746 965.3
SYNCRUDE		Diluent Naphtha				
OPEN. INV.	18 975.0	54 371.0	5 559 115	39 409	341 747.0	75 219.0
FR. SUNCOR	0.0	0.0	0.0	1 119.0	0.0	0.0
PRODUCTION	7 917 836.0	71 022.0	945 041	326 783	10 014 284.0	7 802 133.0
CLOS. INV.	16 735.0	58 712.0	6 504 156	1 796	513 509.0	49 632.0
	7 920 076.0	66 681.0	0	365 515	9 842 522.0	7 827 720.0
FURTHER						
PROCESSING	0.0	0.0	0	0	9 795 262.0	7 821 229.0
FUEL	0.0	0.0	0	0	0.0	0.0
FLARED/WASTE	0.0	66 561.0	0	12	0.0	0.0
MET. DIFF.	3.0	120.0	0	30 465	2.0	6 491.0
DILUENT CARRYOVER /RERUN	0.0	0.0	0	0	0.0	0.0
TO SUNCOR	0.0	0.0	0	0	0.0	0.0
DELIVERIES	7 920 073.0	0.0	0	335 038	47 258.0	0.0
	7 920 076.0	66 681.0	0	365 515	9 842 522.0	7 827 720.0

NOTES: (1) VOLUME AT 101.325 kPa AND 15 °C.

(2) LIQUID VOLUME AT 15 °C.







